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DOCUMENT NO. 00-BN-059 (STMI01-00059)

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PATENT #3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Paolo Faraboschi, et al.  
U.S. Serial No. : 09/751,674  
Filed : December 29, 2000  
For : CIRCUIT AND METHOD FOR INSTRUCTION COMPRESSION  
AND DISPERSAL IN WIDE-ISSUE PROCESSORS  
Group No. : 2183  
Examiner : (Not Yet Known)

**BOX MISSING PARTS**  
Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on <u>4/12/01</u> (Date)	
<u>KATHY LONGENECKER</u>	_____
(Printed or typed name of person signing the certificate)	
<u>Kathy Longenecker</u>	_____
(Signature of the person signing the certificate)	

Sir:

RESPONSE TO MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts of Application dated February 15, 2001,  
attached are the following documents:

1. Declaration and Power of Attorney;
2. Our firm's check in the amount of \$840.00 to cover the patent application filing fee (\$710.00) and surcharge (\$130.00);
3. A copy of the Notice to File Missing Parts of Application;
4. Request for Corrected Official Filing Receipt (with redlined copy of filing receipt);
5. Letter to Official Draftsman;

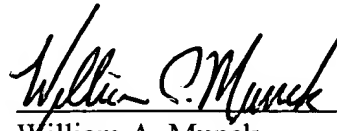
6. Six (6) sheets of formal patent drawings; and,
7. Our postcard receipt.

The Commissioner is hereby authorized to charge any additional fees which may be required,  
or credit any overpayment to Novakov Davis Deposit Account No. 50-0208.

Respectfully submitted,

NOVAKOV DAVIS & MUNCK, P.C.

Date: April 12, 2001

  
\_\_\_\_\_  
William A. Munck  
Registration No. 39,308

900 Three Galleria Tower  
13155 Noel Road  
Dallas, Texas 75240  
Phone: (214) 922-9221  
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DOCUMENT NO. 00-BN-059 (STMI01-00059)

PATENT

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Paolo Faraboschi, et al.  
U.S. Serial No. : 09/751,674  
Filed : December 29, 2000  
For : CIRCUIT AND METHOD FOR INSTRUCTION COMPRESSION  
AND DISPERSAL IN WIDE-ISSUE PROCESSORS  
Group No. : 2183  
Examiner : (Not Yet Known)

**BOX MISSING PARTS**  
Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

CERTIFICATE OF MAILING

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KATHY LONGENECKER  
(Printed or typed name of person signing the certificate)

Kathy Longenecker  
(Signature of the person signing the certificate)

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

In reviewing the file, it has been noted that the Official Filing Receipt contains an error in the third inventor's name.

"Frederick" should be deleted from the third inventor's name. The correct name of the third inventor is as follows:

"Mark Owen Homewood"

A redlined copy of the Official Filing Receipt is attached. Once the correction is made, please forward a new filing receipt to the undersigned attorney at the below identified address.

The Commissioner is hereby authorized to charge any additional fees which may be required,  
or credit any overpayment to Novakov Davis Deposit Account No. 50-0208.

Respectfully submitted,

NOVAKOV DAVIS & MUNCK, P.C.

Date: \_\_\_\_\_

April 12, 2001



William A. Munck

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DOCKET NO. 00-BN-059 (STMI01-00059)

#5-  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Paolo Faraboschi, et al.  
U.S. Serial No. : 09/751,674  
Filed : December 29, 2000  
For : CIRCUIT AND METHOD FOR INSTRUCTION COMPRESSION  
AND DISPERSAL IN WIDE-ISSUE PROCESSORS  
Group No. : 2183  
Examiner : (Not Yet Known)

Assistant Commissioner of Patents  
Washington, D.C. 20231  
Attn: Official Draftsman

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including any attachments listed, is being mailed in an envelope addressed to the Assistant Commissioner of Patents, Washington, DC 20231, Attn: Official Draftsman, via First Class Mail on 4/12/01

KATHY LONGENECKER  
Printed or Typed Name of Person Mailing

Kathy Longenecker  
Signature of Person Mailing

Sir:

LETTER TO OFFICIAL DRAFTSMAN

Applicant submits herewith six (6) sheets of formal patent drawings (FIGS. 1-8) in the above-referenced patent application.

Respectfully submitted,

NOVAKOV DAVIS & MUNCK, P.C.

Date: April 12, 2001

William A. Munck

William A. Munck  
Attorneys for the Applicant  
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#3



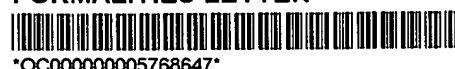
## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/751,674	12/29/2000	Paolo Faraboschi	00-BN-059 (STMI01-00059)

CONFIRMATION NO. 9124

## FORMALITIES LETTER



\*OC00000005768647\*

NOVAKOV DAVIS & MUNCK  
900 THREE GALLERIA TOWER  
13155 NOEL ROAD  
DALLAS, TX 75240

Date Mailed: 02/15/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

04/18/2001 SHINASS1 00000015 09751674

01 FC:101 710.00 OP  
02 FC:105 130.00 OP

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 840.

*A copy of this notice MUST be returned with the reply.*

*Signature*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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FEB 20 2001

NOVAKOV DAVIS &amp; MUNCK



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/751,674	12/29/2000	2183	0.00	00-BN-059 (STM101-00059)	7	20	3

CONFIRMATION NO. 9124

## FILING RECEIPT



\*OC000000005768646\*

NOVAKOV DAVIS & MUNCK  
900 THREE GALLERIA TOWER  
13155 NOEL ROAD  
DALLAS, TX 75240

Date Mailed: 02/15/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Paolo Faraboschi, Brighton, MA;  
Anthony X. Jarvis, Acton, MA;  
~~Feedback~~ Mark Owen Homewood, Winscombe, UNITED KINGDOM;  
Geoffrey M. Brown, Watertown, MA;  
Gary L. Vondran, San Carlos, CA;

## Continuing Data as Claimed by Applicant

## Foreign Applications

If Required, Foreign Filing License Granted 02/14/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

DOCKETED

FEB 27 2001

RECEIVED

FEB 20 2001

NOVAKOV DAVIS &amp; MUNCK

Title

Circuit and method for instruction compression and dispersal in wide-issue processors

Preliminary Class

712

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Data entry by : ZEWDIE, BIZUAYEHU

Team : OIPE

Date: 02/15/2001





**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

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Customer Service Center  
Washington, DC 20231